

INTERNATIONAL SEARCH REPORT

International Application No PCT/IB2005/050104

A. CLASSIFICATION OF SUBJECT MATTER INV. H01J5/54 H01J9/34
--

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) H01J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
--

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 490 702 A (GEN ELECTRIC [US]) 17 June 1992 (1992-06-17) the whole document	1-10
A	EP 1 063 671 A1 (OSRAM SYLVANIA INC [US]) 27 December 2000 (2000-12-27) paragraphs [0001], [0019] - [0021]; figure 6	1-10
A	WO 01/45137 A2 (KONINKL PHILIPS ELECTRONICS NV [NL]; PHILIPS CORP INTELLECTUAL PTY [DE]) 21 June 2001 (2001-06-21) page 1 - page 2; claims 1,5	1-10
A	WO 97/12385 A (PHILIPS ELECTRONICS NV [NL]; PHILIPS NORDEN AB [SE]; PHILIPS PATENTVER) 3 April 1997 (1997-04-03) page 3 - page 10	1-7

<input type="checkbox"/> Further documents are listed in the continuation of box C.	<input checked="" type="checkbox"/> Patent family members are listed in annex.
---	--

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority, claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search 27 October 2006	Date of mailing of the International search report 21/11/2006
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer But, Gabriela-Ileana

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No PCT/IB2005/050104	
---	--

Patent document cited in search report	Publication date		Patent family member(s)	Publication date
EP 0490702	A	17-06-1992	CA 2048797 A1 JP 4337242 A US 5239226 A	15-06-1992 25-11-1992 24-08-1993
EP 1063671	A1	27-12-2000	AT 276582 T DE 60013700 D1 DE 60013700 T2 ES 2226659 T3 US 6203169 B1	15-10-2004 21-10-2004 29-09-2005 01-04-2005 20-03-2001
WO 0145137	A2	21-06-2001	CN 1358322 A EP 1190439 A2 JP 2003517181 T US 2003076025 A1	10-07-2002 27-03-2002 20-05-2003 24-04-2003
WO 9712385	A	03-04-1997	CN 1168193 A DE 69624090 D1 DE 69624090 T2 ES 2186801 T3 HU 9801832 A2 ID 16326 A JP 10510672 T US 5839818 A	17-12-1997 07-11-2002 18-06-2003 16-05-2003 30-11-1998 18-09-1997 13-10-1998 24-11-1998